

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
RESPONSE TO 6/1/2007 OFFICE ACTION	Atty. Docket No. BERR1100-1
Applicants Keith L. Berrier	
Application Number 10/799,560	Date Filed 03/11/2004
Title Systems and methods for reconstructing information using a Duncan and Horn formulation of the Kalman filter for regularization	
Group Art Unit 3709	Examiner Patton, Amanda K.
Confirmation Number: 7773	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated June 1, 2007, please consider the following amendments and remarks.

Amendments to the claims begin on page 2.

Remarks begin on page 5.